

IF 1644

PTO/SB/21 (01-08)  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/534,345-Conf. #4825
	Filing Date	May 9, 2005
	First Named Inventor	Els Anna Alice Beirnaert
	Art Unit	1644
	Examiner Name	Z. S. Skelding
Total Number of Pages in This Submission	Attorney Docket Number	A0848.70007US00

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Corrected Filing Receipt (including ADS and PCT title page) Copy of Filing Receipt with changes marked in red Return Receipt Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	WOLF, GREENFIELD & SACKS, P.C.		
Signature			
Printed name	Erik J. Spek, Ph.D.		
Date	April 14, 2008	Reg. No.	61,065

Certificate of Mailing Under 37 CFR 1.8(a)	
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: April 14, 2008	Signature:  (Hollie E. Gilson)



Docket No.: A0848.70007US00  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Els Beirnaert  
Serial No.: 10/534,345  
Confirmation No.: 4825  
Filed: May 9, 2005  
For: SINGLE DOMAIN ANTIBODIES DIRECTED AGAINST  
INTERFERON-GAMMA AND USES THEREFOR  
Examiner:  
Art Unit: 1644

**Certificate of Mailing Under 37 CFR 1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Office of Initial Patent Examination, Filing Receipt Corrections, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: April 14, 2008

  
Hollie E. Gilson

Office of Initial Patent Examination  
Filing Receipt Corrections  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

Applicant hereby requests that a corrected Filing Receipt be issued in the above-identified patent application. The official Filing Receipt received by Applicant, a copy of which is attached hereto, has errors in the Priority Data.

The application claims the benefit of priority to the following applications:

Application	Filing Date
PCT/EP03/06581	06/23/03
PCT/EP03/07313	07/08/03
US 60/425,073	11/08/02
US 60/425,063	11/08/02
EP 03447005	01/10/03

Applicant has included a copy of the Application Data Sheet and the title page of PCT/BE03/00194, of which the instant application is a National Stage Application, which both include the benefit claims to all five priority applications.

The official Filing Receipt does not reflect the priority claim to US 60/425073, PCT/EP03/06581 and PCT/EP03/07313. In addition, the Official Filing Receipt lists US 60/425063 under Foreign Applications. Applicant believes that US 60/425063 should be listed under Domestic Priority data.

Please correct the information as listed above and as indicated in red on the enclosed copy of the Filing Receipt.

Applicant additionally requests that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

Applicant believes no fee is due with this request. However, if a fee is due, please charge our Deposit Account No. 23/2825, Docket No. A0848.70007US00 from which the undersigned is authorized to draw.

Dated: April 14, 2008

Respectfully submitted,

By 

Erik J. Spek, Ph.D.

Registration No.: 61,065

WOLF, GREENFIELD & SACKS, P.C.

Federal Reserve Plaza

600 Atlantic Avenue

Boston, Massachusetts 02210-2206

617.646.8000

Docket No.: A0848.70007US00

**xNDDx**



TRV

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
10/534,345	05/09/2005	1644	1130	A0848.70007US00	40	1

CONFIRMATION NO. 4825

23628

WOLF GREENFIELD & SACKS, P.C.  
600 ATLANTIC AVENUE  
BOSTON, MA 02210-2206

FILING RECEIPT



Date Mailed: 03/24/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Applicant(s)

Els Beirnaert, Gent, BELGIUM;

Power of Attorney: The patent practitioners associated with Customer Number 23628

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/BE03/00194 11/07/2003

UNITED STATES OF AMERICA 60425063 11/08/2002

Foreign Applications

UNITED STATES OF AMERICA 60425063 11/08/2002

EUROPEAN PATENT OFFICE (EPO) 03447005.4 01/10/2003

PCT/EP03/06581 06/23/2003

PCT/EP03/07313 07/08/2003

If Required, Foreign Filing License Granted: 03/19/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 10/534,345**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

RECEIVED  
Wolf, Greenfield & Sacks, P.C.

MAR 26 2008

page 1 of 3

Docketed ☒ Already Docketed ☐  
Not Required ☒  
initials 1st TRV 2nd TRV

**Title**

Single Domain Antibodies Directed Against Interferon-Gamma and Uses Therefor

**Preliminary Class**

424

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

**LICENSE FOR FOREIGN FILING UNDER**

**Title 35, United States Code, Section 184**

**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive:

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

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(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
21 May 2004 (21.05.2004)

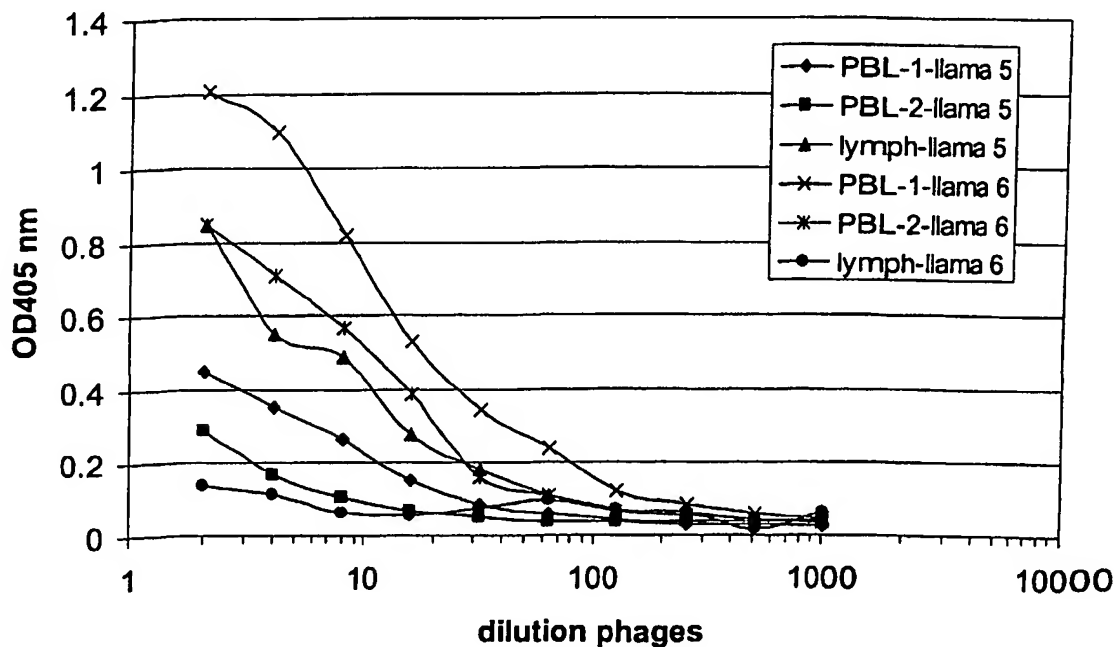
PCT

(10) International Publication Number  
**WO 2004/041863 A3**

- (51) International Patent Classification<sup>7</sup>: C07K 16/24, 16/28, C12N 15/13
- (21) International Application Number: PCT/BE2003/000194
- (22) International Filing Date: 7 November 2003 (07.11.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/425,073 8 November 2002 (08.11.2002) US  
60/425,063 8 November 2002 (08.11.2002) US  
03447005.4 10 January 2003 (10.01.2003) EP  
PCT/EP03/06581 23 June 2003 (23.06.2003) EP  
PCT/EP03/07313 8 July 2003 (08.07.2003) EP
- (71) Applicant (for all designated States except US): ABLYNX N.V. [BE/BE]; Technologiepark 4, B-9052 Zwijnaarde (BE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): BEIRNAERT, Els [BE/BE]; Lentestraat 22, B-9000 Gent (BE).
- (74) Agent: BRANTS, Johan, Philippe, Emi; De Clercq, Brants & Partners, E. Gevaertdreef 10a, B-9830 Sint-Martens-Latem (BE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Declaration under Rule 4.17:  
— of inventorship (Rule 4.17(iv)) for US only
- Published:  
— with international search report

[Continued on next page]

(54) Title: SINGLE DOMAIN ANTIBODIES DIRECTED AGAINST INTERFERON- GAMMA AND USES THEREFOR



(57) Abstract: The present invention relates to polypeptides derived from single domain heavy chain antibodies directed to interferon gamma. It further relates to single domain antibodies that are Camelidae VHs. It further relates to methods of administering said polypeptides. It further relates to protocols for screening for agents that modulate the IFN-gamma receptor, and the agents resulting from said screening.



**Express Mail Label No. EV 493478627 US**  
**Date of Deposit: May 9, 2005**

**Application Data Sheet**

**Application Information**

Application Type::	Regular
Subject Matter::	Utility
Suggested Group Art Unit::	N/A
CD-ROM or CD-R?::	None
Sequence submission?::	None
Computer Readable Form (CRF)?::	No
Title::	SINGLE DOMAIN ANTIBODIES DIRECTED AGAINST INTERFERON-GAMMA AND USES THEREFOR
Attorney Docket Number::	A0848.70007US00
Request for Early Publication?::	No
Request for Non-Publication?::	No
Suggested Drawing Figure::	1
Total Drawing Sheets::	8
Small Entity?::	Yes
Petition included?::	No
Secrecy Order in Parent Appl.?::	No

**Applicant Information**

Applicant Authority Type::	Inventor
Primary Citizenship Country::	Belgium
Status::	Full Capacity
Given Name::	Els
Family Name::	BEIRNAERT
City of Residence::	Gent
Country of Residence::	Belgium
Street of mailing address::	Lentestraat 22
City of mailing address::	Gent



Application Data Sheet (continued)  
A0848.70007US00

Country of mailing address:: Belgium

Postal or Zip Code of mailing address:: B-9000

**Correspondence Information**

Correspondence Customer Number:: 23628

**Representative Information**

Representative Customer Number:: 23628

**Domestic Priority Information**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application is a	National Stage of	PCT/BE03/00194	11/07/03
PCT/BE03/00194	claims priority	PCT/EP03/06581	06/23/03
PCT/BE03/00194	claims priority	PCT/EP03/07313	07/08/03
claims benefit of	provisional	60/425,073	11/08/02
claims benefit of	provisional	60/425,063	11/08/02

**Foreign Priority Information**

Country::	Application Number::	Filing Date:: MM/DD/YY	Priority Claimed::
EP	03447005.4	01/10/03	yes

**Assignee Information**

Assignee name:: Ablynx N.V.

Street of mailing address:: Technologiepark 4

City of mailing address:: Ghent-Zwijnaarde

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Postal or Zip Code of mailing address:: B-9052